Application Serial No.: 10/628,289 Attorney Docket No.: 540885-0000002 Reply to Office Action mailed August 28, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Govind Sharan GUPTA

CONFIRMATION No.:

SERIAL NUMBER: 10/628,289

EXAMINER: Fred O. Ferris III

FILING DATE: July 29, 2003

ART UNIT: 2128

FOR: PREDICTION OF CAVITY SIZE IN THE PACKED BED SYSTEMS USING NEW CORRELATIONS AND

MATHEMATICAL MODEL

RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Non-Final Office Action mailed August 28, 2006, please amend the above- identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 033975 (Ref. No. 540885-0000002).